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anti-Glycerol Kinase antibody

2 Images



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Overview

Quantity:	200 μL
Target:	Glycerol Kinase (GK)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glycerol Kinase antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human GK
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Glycerol Kinase (GK)
Alternative Name:	GK1 (GK Products)
Background:	The protein encoded by this gene belongs to the FGGY kinase family. This protein is a key
	enzyme in the regulation of glycerol uptake and metabolism. It catalyzes the phosphorylation of
	glycerol by ATP, yielding ADP and glycerol-3-phosphate. Mutations in this gene are associated
	with glycerol kinase deficiency (GKD). Alternatively spliced transcript variants encoding different

Target Details

	isoforms have been found for this gene.
UniProt:	P32189

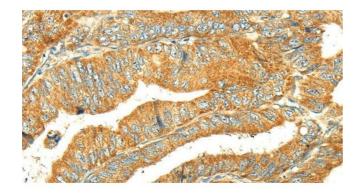
Application Details

Application Notes:	IHC 1:100-1:300
Restrictions:	For Research Use only

Handling

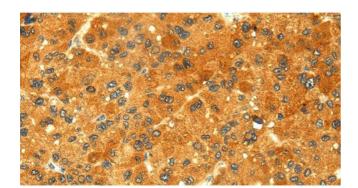
Format:	Liquid
Concentration:	0.6 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human colon cancer tissue using GK1 Polyclonal Antibody at dilution 1:60



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using GK1 Polyclonal Antibody at dilution 1:60